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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	27	AUG 11	Derwent World Patents Index(R) web-based training during August
NEWS	28	AUG 11	STN AnaVist workshops to be held in North America

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

```
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:36:59 ON 30 AUG 2005

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.21       0.21

FILE 'REGISTRY' ENTERED AT 08:37:12 ON 30 AUG 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:  29 AUG 2005  HIGHEST RN 862072-85-3
DICTIONARY FILE UPDATES:  29 AUG 2005  HIGHEST RN 862072-85-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
```
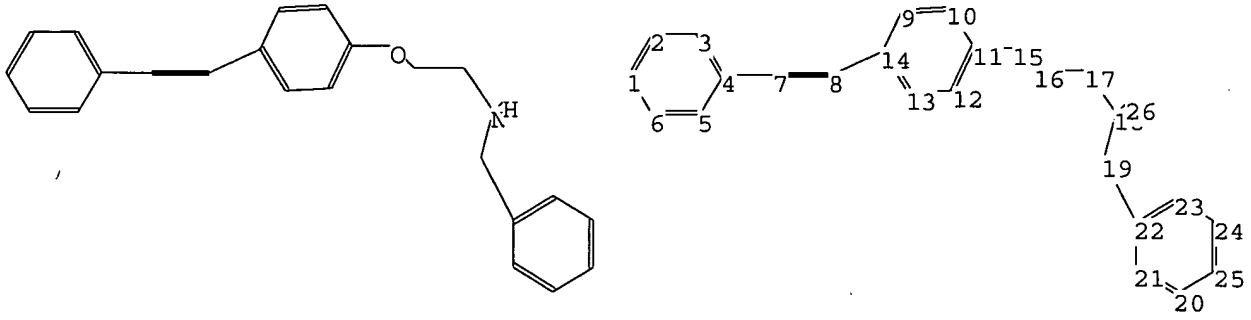

* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10626155.str

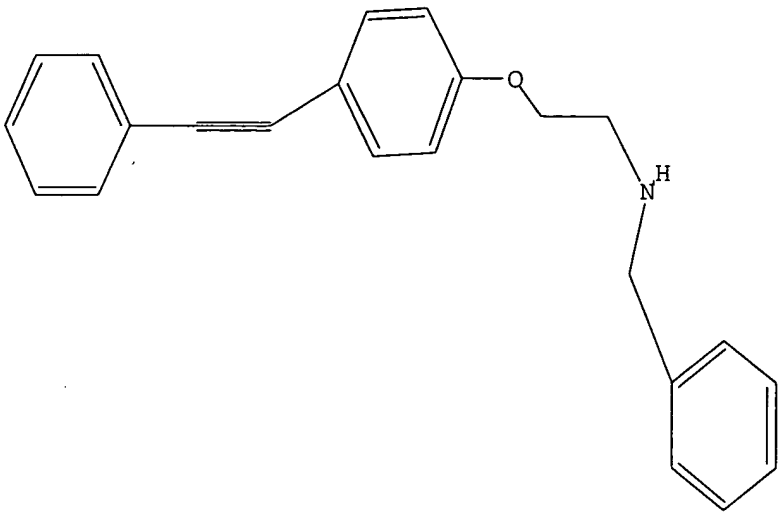


chain nodes :
7 8 15 16 17 18 19 26
ring nodes :
1 2 3 4 5 6 9 10 11 12 13 14 20 21 22 23 24 25
chain bonds :
4-7 7-8 8-14 11-15 15-16 16-17 17-18 18-19 18-26 19-22
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 20-21 20-25 21-22 22-23 23-24 24-25
exact/norm bonds :
11-15 15-16 17-18 18-19
exact bonds :
4-7 7-8 8-14 16-17 18-26 19-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 20-21 20-25 21-22 22-23 23-24 24-25
isolated ring systems :
containing 1 : 9 : 20 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 08:37:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 9 TO 360
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 08:37:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 327 TO ITERATE

100.0% PROCESSED 327 ITERATIONS 37 ANSWERS
SEARCH TIME: 00.00.01

L3 37 SEA SSS FUL L1

=> FIL HCAPLUS
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	161.54

FILE 'HCAPLUS' ENTERED AT 08:37:44 ON 30 AUG 2005

FILE COVERS 1907 - 30 Aug 2005 VOL 143 ISS 10
FILE LAST UPDATED: 29 Aug 2005 (20050829/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

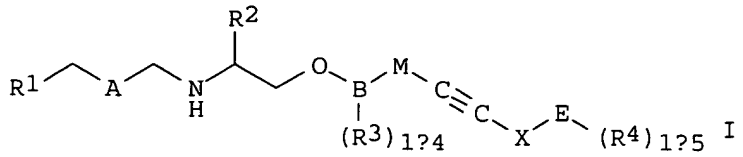
=> s l3
L4 4 L3

=> d l4 ibib abs hitstr tot

L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:78301 HCAPLUS
DOCUMENT NUMBER: 142:176433
TITLE: A preparation of acetylenic compounds, useful in the treatment of inflammatory disorders
INVENTOR(S): Beers, Scott; Malloy, Elizabeth A.; Wachter, Michael P.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 19 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005020838	A1	20050127	US 2003-626155	20030724
PRIORITY APPLN. INFO.:			US 2003-626155	20030724

OTHER SOURCE(S): MARPAT 142:176433
GI



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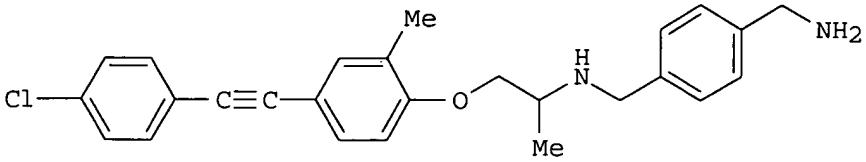
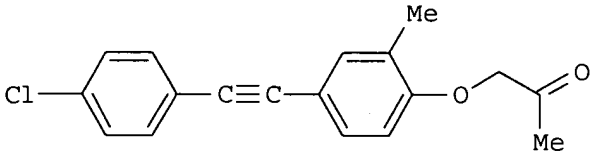


II



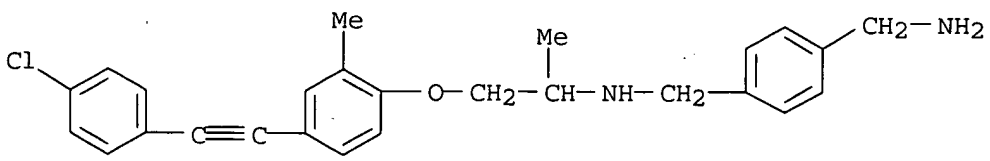
III

AB The invention relates to a preparation of acetylenic compds. of formula I [wherein: A is cycloalkyldiyl, cyclic heteroalkyldiyl, or (hetero)aryldiyl; B is (hetero)aryldiyl; E is (hetero)aryldiyl; M and X are independently (CH2)0-4; R1 is cycloalkyl, cyclic heteroalkyl, or (hetero)aryl, etc.; R2 is H, alkyl, alkoxy, CHO, CO2H, or NH2, etc.; R3 and R4 are independently H, alkyl, CHO, cycloalkyl, or aryl, etc.], useful in the treatment of inflammatory disorders. For instance, acetylene derivative II (oxidase inhibition: IC50 = 0.7 μM) was prepared via reductive amination of ketone III by 1,4-bis(aminomethyl)benzene.

IT **651330-36-8P 651330-37-9P 651330-38-0P**
651330-39-1P 651330-44-8P 651330-45-9P
651330-46-0P 651330-47-1P 651330-48-2P
651330-49-3P 651330-50-6P 651330-51-7P
651330-52-8P 651330-53-9P 651330-54-0P
651330-55-1P 651330-58-4P 651330-59-5P
651330-61-9P 651330-63-1P 651330-64-2P
651330-65-3P 651330-68-6P 773847-69-1P
776293-45-9P 792905-81-8P 832116-38-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of acetylenic compound useful in the treatment of inflammatory disorders)

RN 651330-36-8 HCAPLUS

CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 651330-37-9 HCAPLUS
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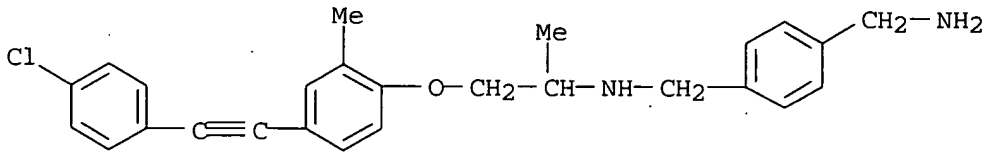

●2 HCl

RN 651330-38-0 HCAPLUS
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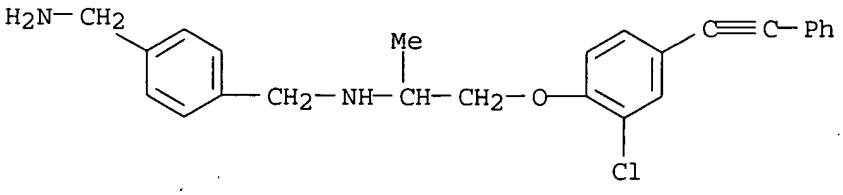

RN 651330-39-1 HCAPLUS
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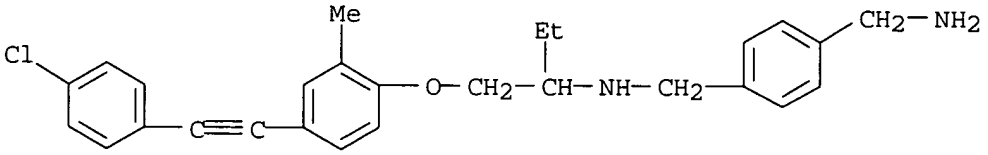

RN 651330-44-8 HCAPLUS
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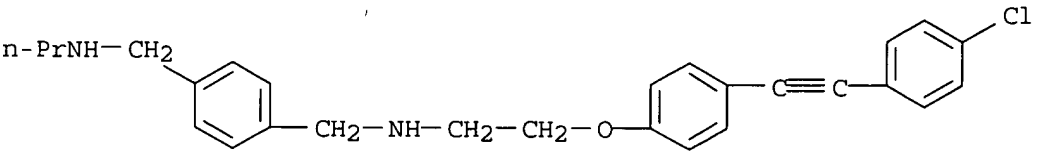

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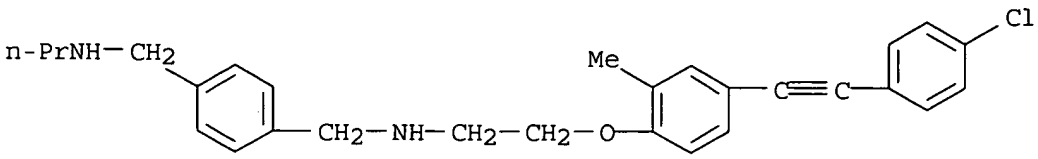

RN 651330-46-0 HCAPLUS
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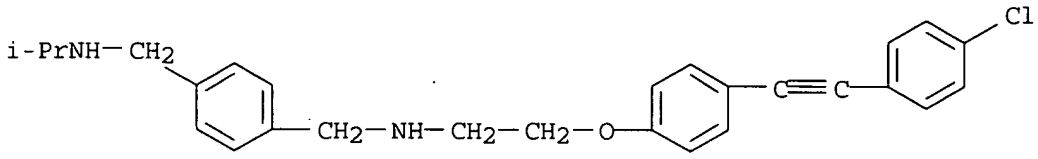
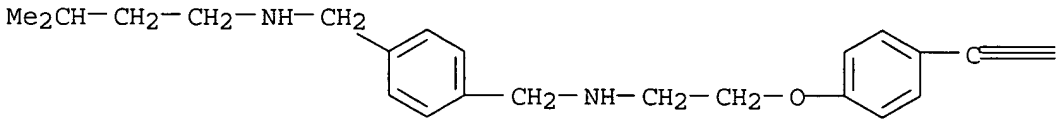
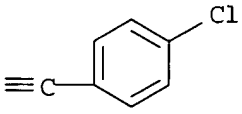


RN 651330-47-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-N'-(3-methylbutyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



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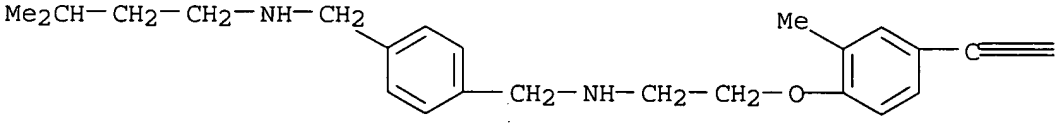
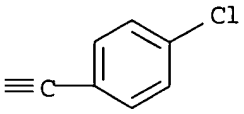
PAGE 1-A

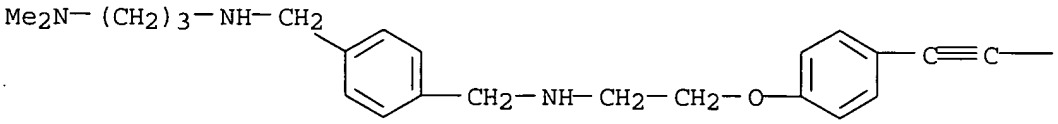


PAGE 1-B

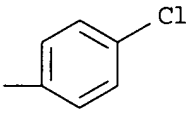


RN 651330-49-3 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-N'-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

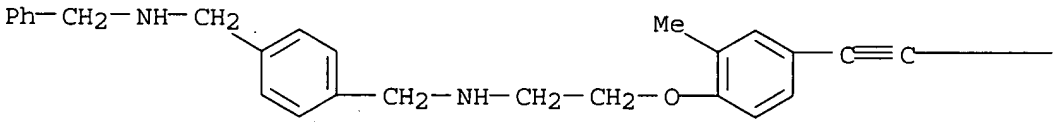


PAGE 1-B

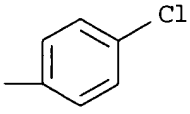


RN 651330-50-6 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

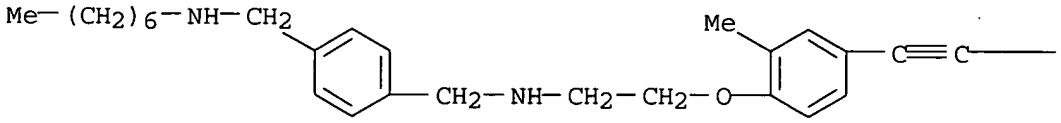


PAGE 1-B

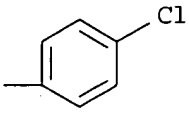


RN 651330-51-7 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-heptyl- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



RN 651330-52-8 HCAPLUS
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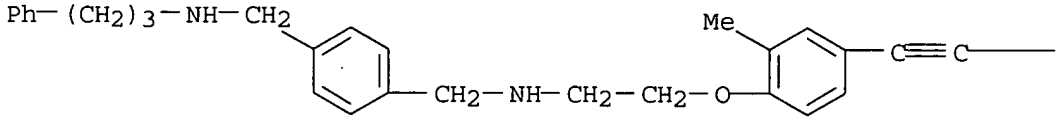
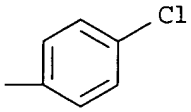
PAGE 1-A

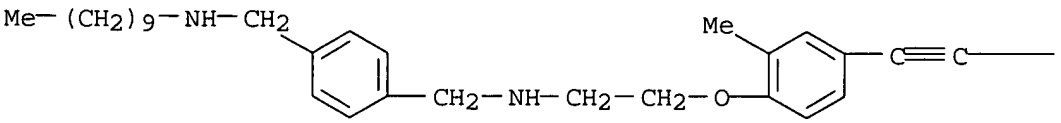


PAGE 1-B

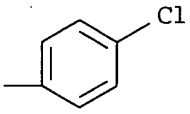


RN 651330-53-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-decyl- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



RN 651330-54-0 HCAPLUS
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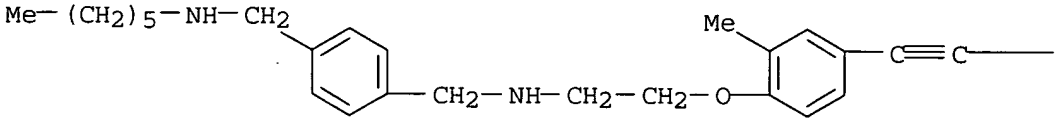
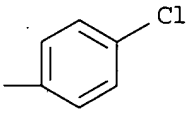
PAGE 1-A



PAGE 1-B



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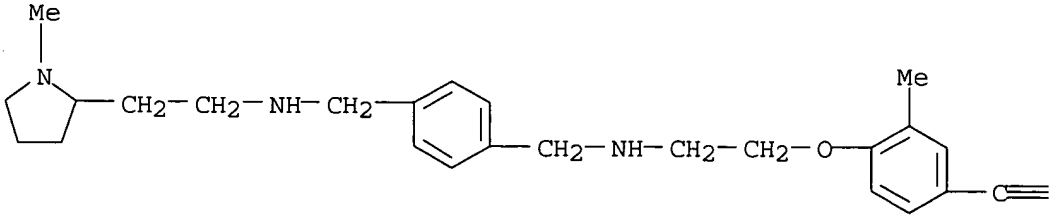
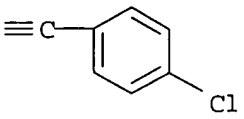
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(1-methyl-2-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

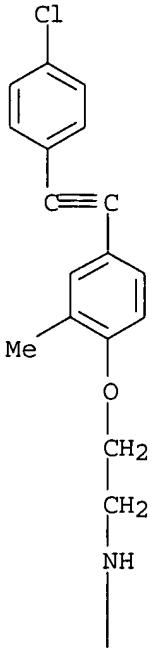


PAGE 1-B

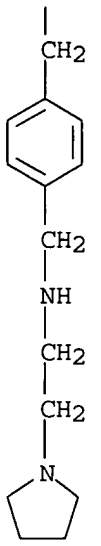


RN 651330-58-4 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(1-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

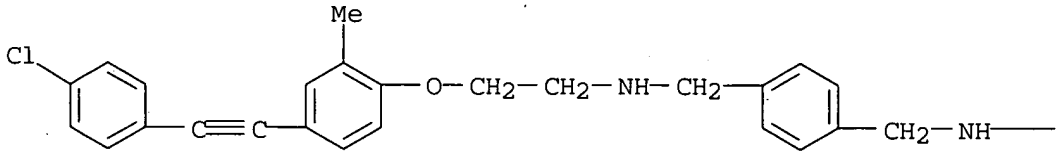


PAGE 2-A

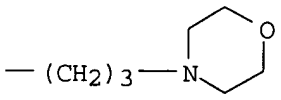


RN 651330-59-5 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

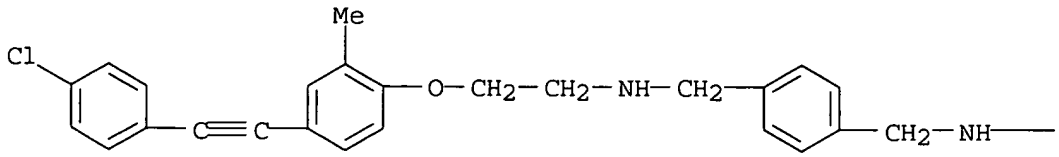


PAGE 1-B

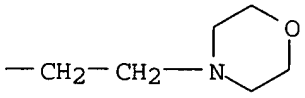


RN 651330-61-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

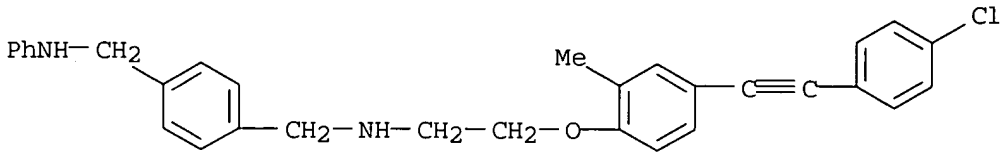
PAGE 1-A



PAGE 1-B

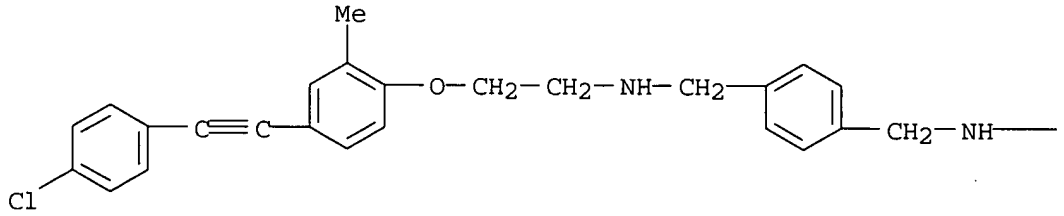


RN 651330-63-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-phenyl- (9CI) (CA INDEX NAME)

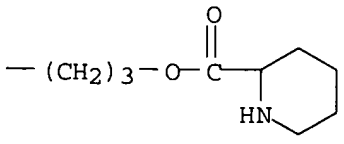


RN 651330-64-2 HCAPLUS
CN 2-Piperidinecarboxylic acid, 3-[[[4-[[[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]amino]methyl]phenyl]methyl]amino]propyl ester (9CI) (CA INDEX NAME)

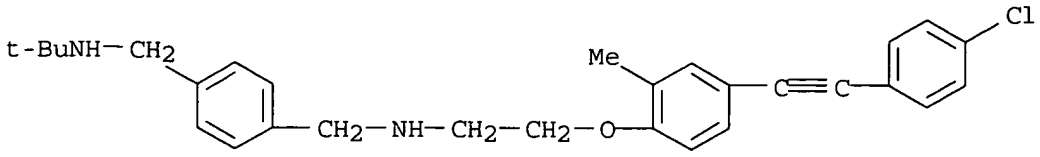
PAGE 1-A



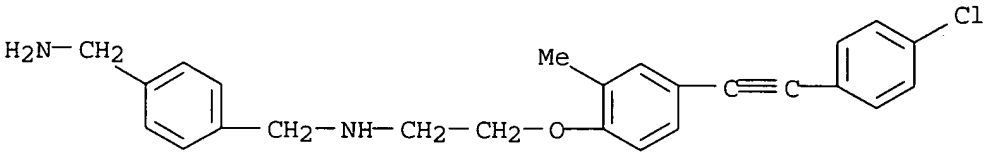
PAGE 1-B



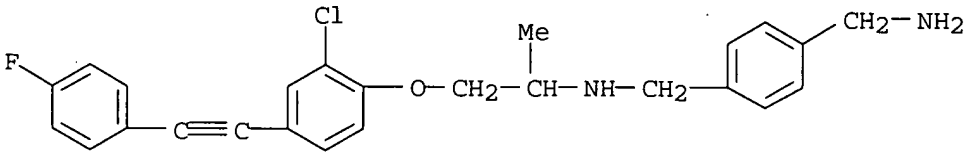
RN 651330-65-3 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



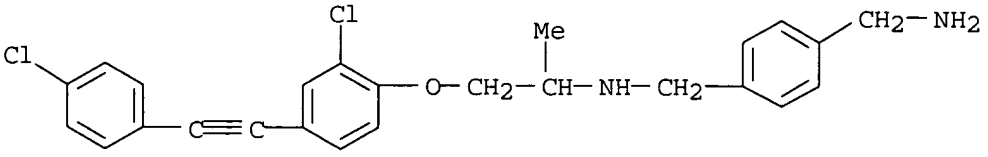
RN 651330-68-6 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]- (9CI) (CA INDEX NAME)



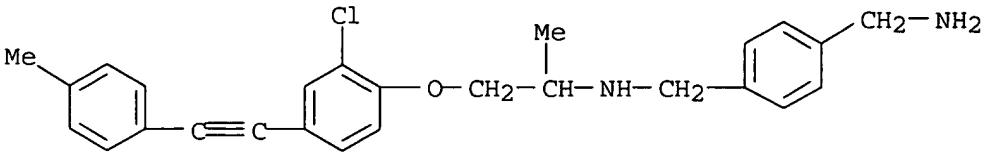
RN 773847-69-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-fluorophenyl)ethynyl]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



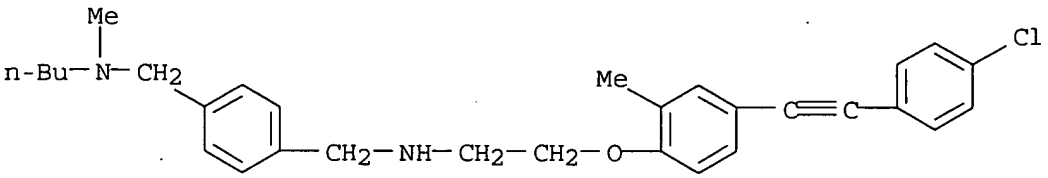
RN 776293-45-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-chlorophenyl)ethynyl]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



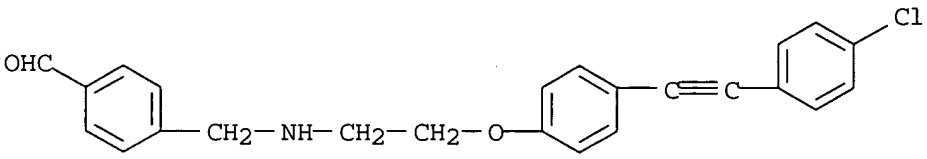
RN 792905-81-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-methylphenyl)ethynyl]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 832116-38-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-butyl-N'-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N-methyl- (9CI) (CA INDEX NAME)



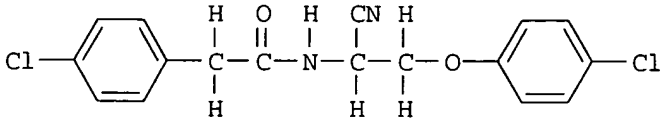
IT **651330-74-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of acetylenic compound useful in the treatment of inflammatory disorders)
RN 651330-74-4 HCAPLUS
CN Benzaldehyde, 4-[[[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]amino]methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:650899 HCAPLUS
DOCUMENT NUMBER: 141:173978
TITLE: Preparation of aminoacetonitrile derivatives as agricultural and horticultural insecticides
INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki
PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 48 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1445251	A1	20040811	EP 2004-10346	19990428
R: CH, DE, FR, GB, IT, LI				
EP 953565	A2	19991103	EP 1999-107461	19990428
EP 953565	A3	20021204		

EP 953565 B1 20040908
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
PRIORITY APPLN. INFO.: JP 1998-137806 A 19980501
EP 1999-107461 A3 19990428
OTHER SOURCE(S): MARPAT 141:173978
GI

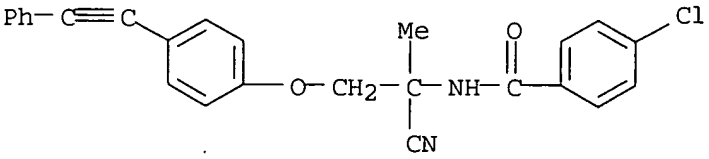


II

AB The title compds. Ar1(Q)dC(O)NR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, (substituted) phenyloxy, (substituted) phenylacetylene; (substituted) pyridyl and (substituted) naphthyl; Q = CR1R2 (wherein R1, R2 = H, halo, (halo)alkyl, etc.); R3 = H, (halo)alkyl, etc.; R4-R8 = H, halo, (halo)alkyl, etc.; W = O, S, SO2 or NR9 (wherein R9 = H, alkyl); a, b = 0-4; d = 0-1], useful as insecticides, were prepared E.g., a multi-step synthesis of II (starting from 4-chlorophenol and bromoacetaldehyde dimethylacetal), was given. The compds. I were tested against diamondback moth and against smaller tea tortrix (data were given for representative compds. I).

IT **736172-93-3P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aminoacetonitrile derivs. as agricultural and horticultural insecticides)

RN 736172-93-3 HCAPLUS
CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[4-(phenylethynyl)phenoxy]ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:80636 HCAPLUS
DOCUMENT NUMBER: 140:145889
TITLE: Preparation of acetylenic-aryl-methylamines useful in treating inflammatory disorders
INVENTOR(S): Beers, Scott; Malloy, Elizabeth A.; Wachter, Michael P.
PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009531	A1	20040129	WO 2003-US23140	20030724

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-398138P P 20020724

OTHER SOURCE(S): MARPAT 140:145889

GI

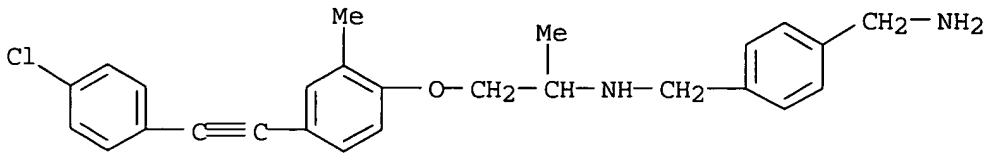
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [A = cycloalkyldiyl, cyclic heteroalkyldiyl, etc.; B, E = (hetero)aryldiyl; R1 = cycloalkyl, cyclic heteroalkyl, heteroaryl, etc.; R2 = H, alkanyl, alkoxy, acyl, etc.; R3-4 = H, alkanyl, carboxy, cycloalkyl, etc.] are prepared For instance, 4-iodo-2-methylphenol is alkylated with chloroacetone (acetone, K2CO3, NaI, reflux, 18 h), the product coupled to 4-chlorophenylacetylene (Pd(II), Et3N) and used to alkylate p-xylylene diamine (CH2Cl2, HOAc, NaBH(OAc)3) to give II. In an NADPH oxidase assay for inhibition of superoxide-mediated reduction of cytochrome C in human neutrophils incubated with phorbol myristate acetate, 26 compds. I had IC50 values of 0.7-11.13 μM; II had IC50 = 0.7 μM. I are useful in treating or ameliorating reactive oxygen species-mediated inflammatory disorders.

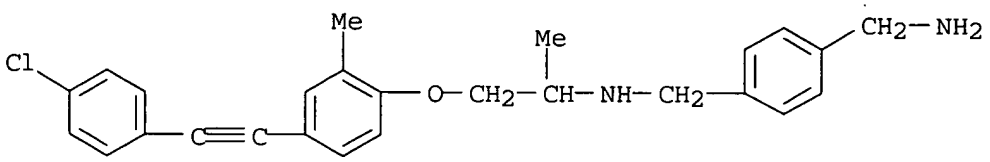
IT **651330-36-8P 651330-37-9P 651330-38-0P**
651330-39-1P 651330-40-4P 651330-41-5P
651330-42-6P 651330-43-7P 651330-44-8P
651330-45-9P 651330-46-0P 651330-47-1P
651330-48-2P 651330-49-3P 651330-50-6P
651330-51-7P 651330-52-8P 651330-53-9P
651330-54-0P 651330-55-1P 651330-57-3P
651330-58-4P 651330-59-5P 651330-61-9P
651330-63-1P 651330-64-2P 651330-65-3P
651330-66-4P 651330-68-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of acetylenic-aryl-methylamines as NAD oxidase hydride donor inhibitors useful in treating reactive oxygen species-mediated inflammatory disorders)

RN 651330-36-8 HCAPLUS

CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)

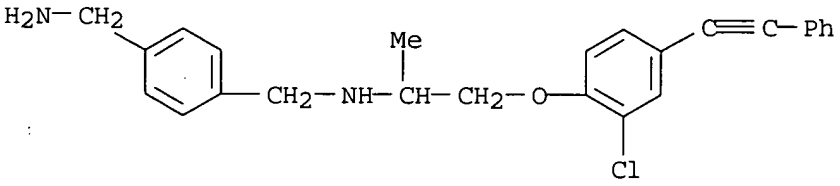


RN 651330-37-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)

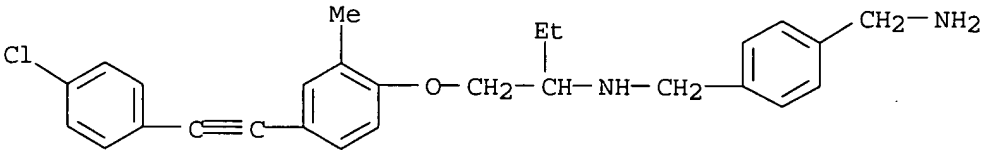


●2 HCl

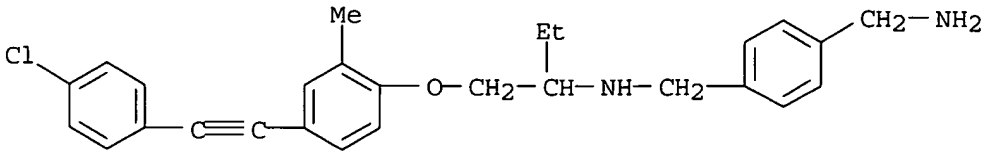
RN 651330-38-0 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-(phenylethynyl)phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 651330-39-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[1-[[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]methyl]propyl]- (9CI) (CA INDEX NAME)

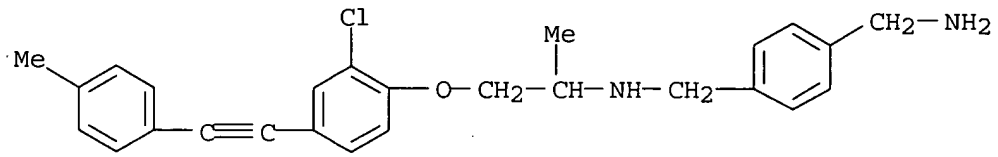


RN 651330-40-4 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[1-[[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]methyl]propyl]-, dihydrochloride (9CI) (CA INDEX NAME)



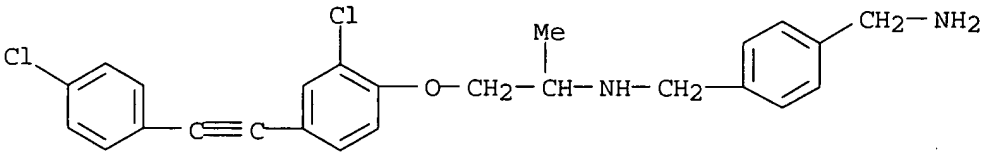
●2 HCl

RN 651330-41-5 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-methylphenyl)ethynyl]phenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



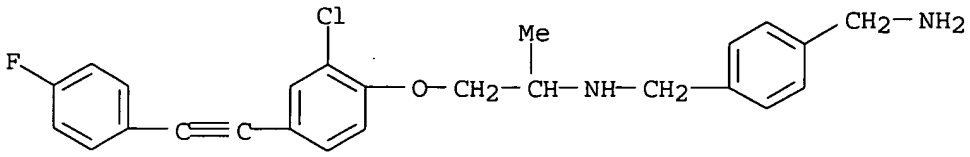
●2 HCl

RN 651330-42-6 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-chlorophenyl)ethynyl]phenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



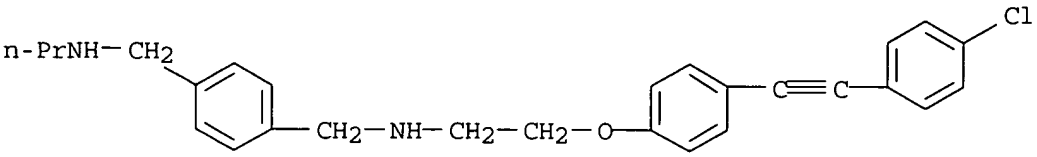
●2 HCl

RN 651330-43-7 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-fluorophenyl)ethynyl]phenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)

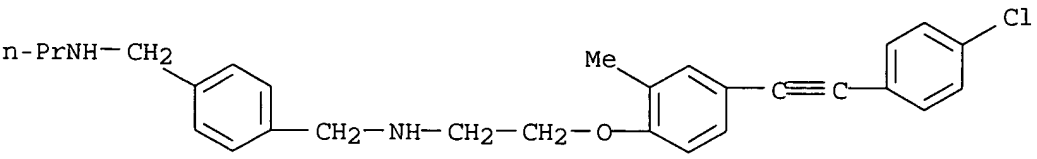


● 2 HCl

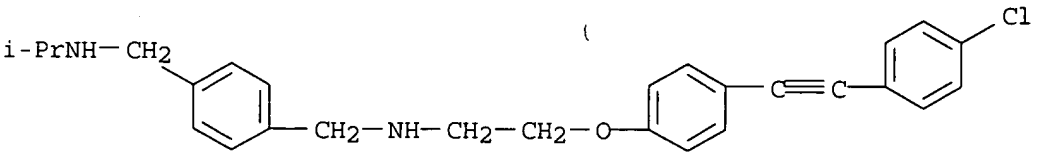
RN 651330-44-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-N'-propyl- (9CI) (CA INDEX NAME)



RN 651330-45-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-propyl- (9CI) (CA INDEX NAME)

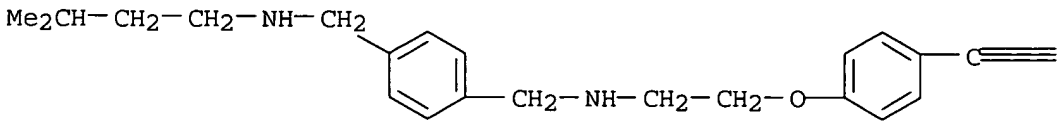


RN 651330-46-0 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

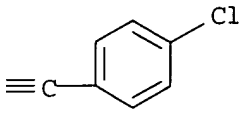


RN 651330-47-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-N'-(3-methylbutyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

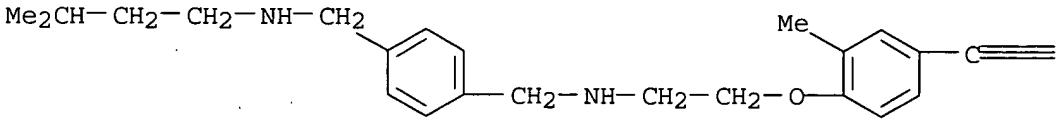


PAGE 1-B

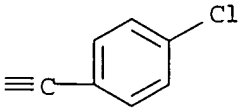


RN 651330-48-2 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-(3-methylbutyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

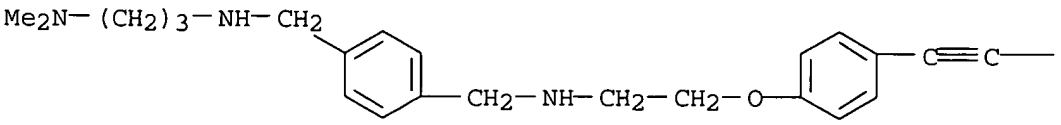


PAGE 1-B



RN 651330-49-3 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-N'-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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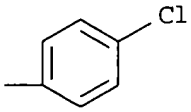
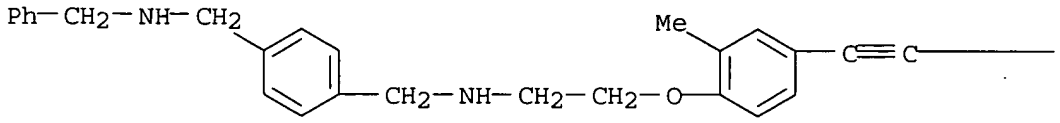


RN 651330-50-6 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



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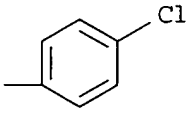
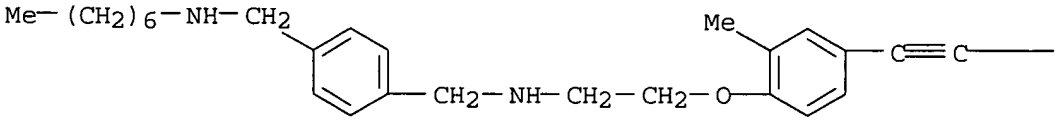


RN 651330-51-7 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-heptyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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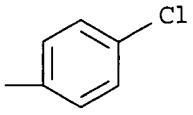
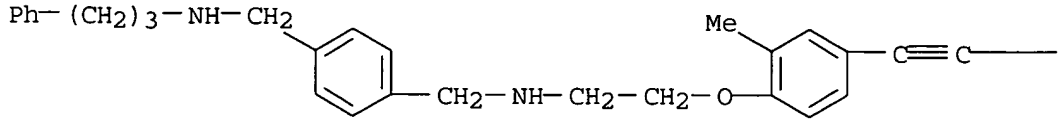


RN 651330-52-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-(3-phenylpropyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



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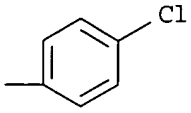
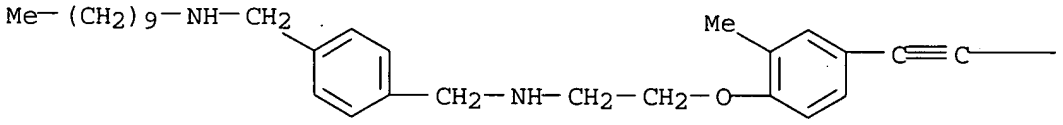


RN 651330-53-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-decyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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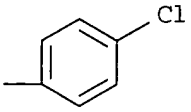
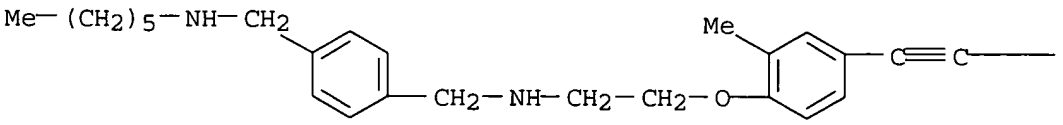


RN 651330-54-0 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-hexyl- (9CI) (CA INDEX NAME)

PAGE 1-A



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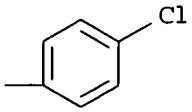
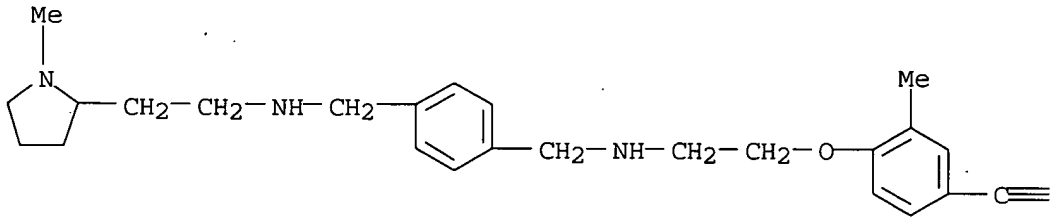


RN 651330-55-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(1-methyl-2-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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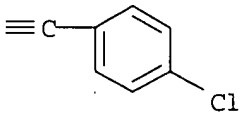
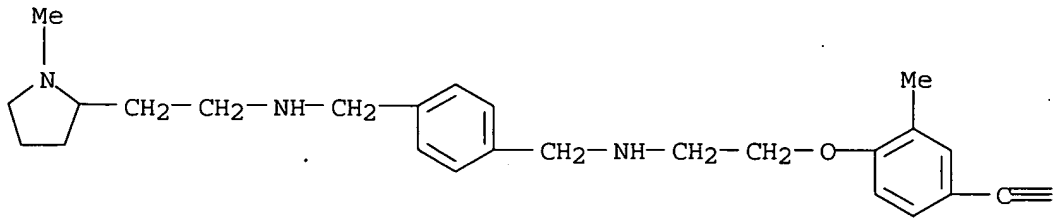


RN 651330-57-3 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(1-methyl-2-pyrrolidinyl)ethyl]-, trihydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



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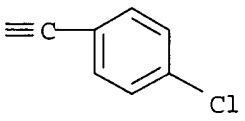
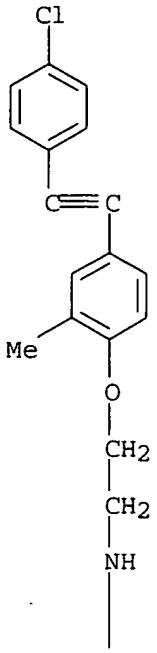
PAGE 1-B



RN 651330-58-4 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(1-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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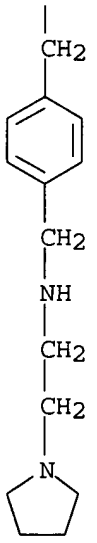
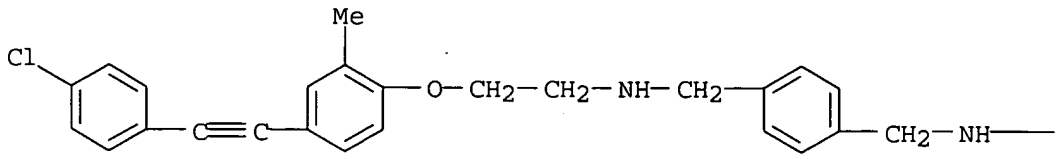


RN 651330-59-5 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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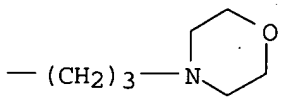
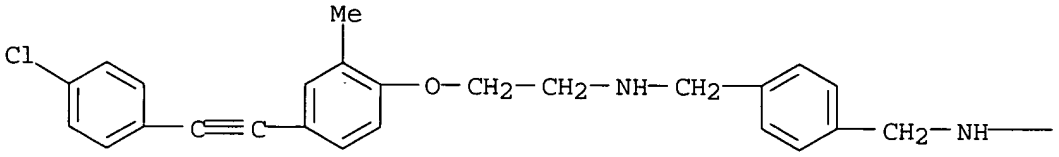


RN 651330-61-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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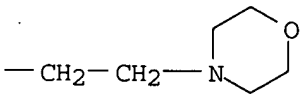
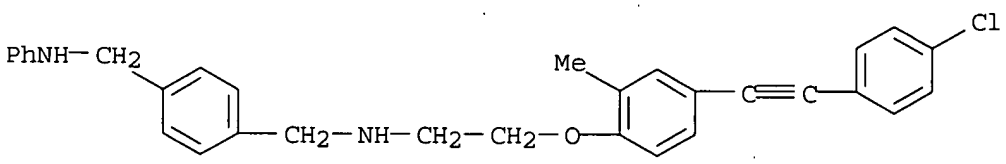


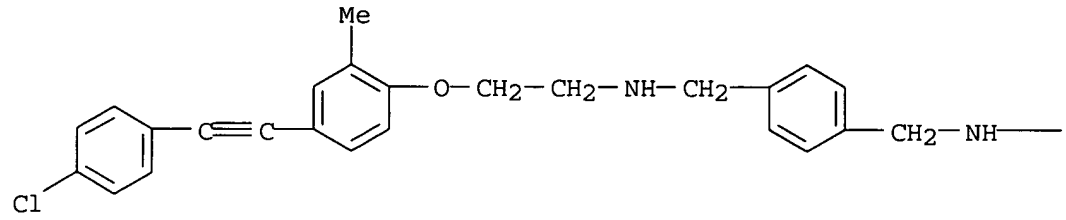
RN 651330-63-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-phenyl- (9CI) (CA INDEX NAME)



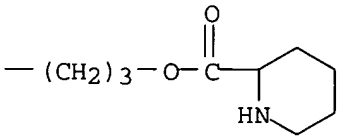
RN 651330-64-2 HCAPLUS
CN 2-Piperidinecarboxylic acid, 3-[[[4-[[[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]amino]methyl]phenyl]methyl]amino]propyl ester (9CI)

(CA INDEX NAME)

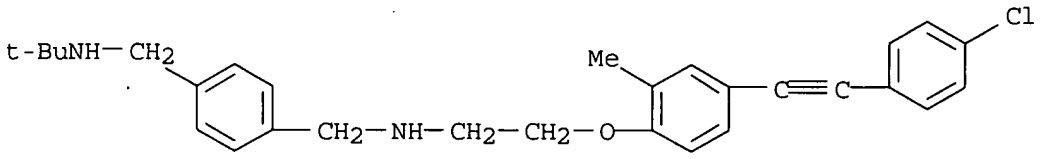
PAGE 1-A



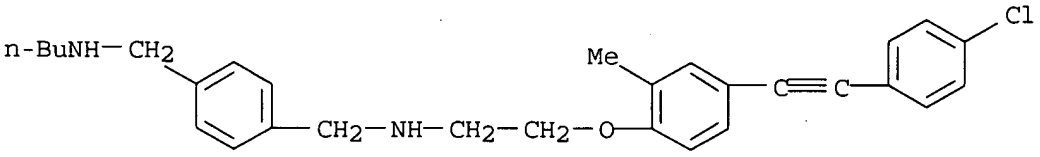
PAGE 1-B



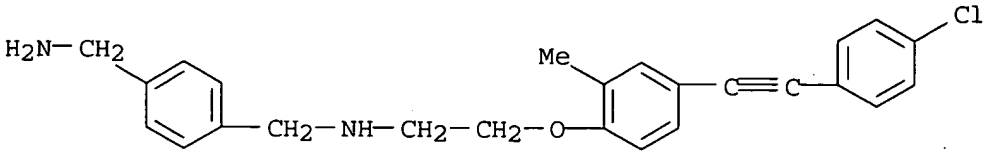
RN 651330-65-3 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]-N'-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



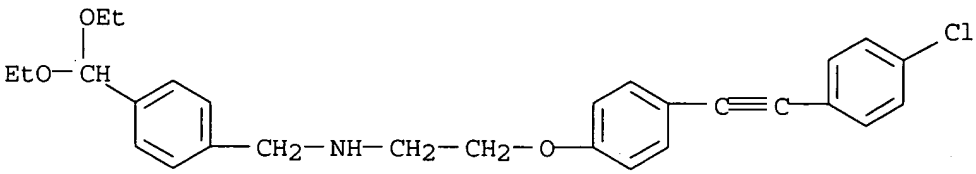
RN 651330-66-4 HCAPLUS
CN 1,4-Benzenedimethanamine, N-butyl-N'-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]- (9CI) (CA INDEX NAME)



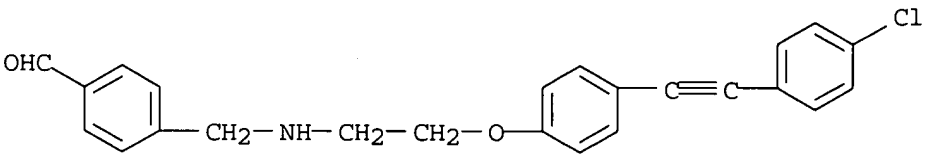
RN 651330-68-6 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]ethyl]- (9CI) (CA INDEX NAME)



IT **651330-73-3P 651330-74-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of acetylenic-aryl-methylamines as NAD oxidase hydride donor inhibitors useful in treating reactive oxygen species-mediated inflammatory disorders)
RN 651330-73-3 HCAPLUS
CN Benzenemethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]-4-(diethoxymethyl)- (9CI) (CA INDEX NAME)



RN 651330-74-4 HCAPLUS
CN Benzaldehyde, 4-[[[2-[4-[(4-chlorophenyl)ethynyl]phenoxy]ethyl]amino]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:708444 HCAPLUS
DOCUMENT NUMBER: 131:310455
TITLE: Preparation of aroylaminoacetonitriles as agricultural and horticultural insecticides
INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki
PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 63 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 953565	A2	19991103	EP 1999-107461	19990428

EP 953565	A3	20021204			
EP 953565	B1	20040908			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO					
US 6239077	B1	20010529	US 1999-295319		19990421
TW 585849	B	20040501	TW 1999-88106732		19990427
EP 1445251	A1	20040811	EP 2004-10346		19990428
R: CH, DE, FR, GB, IT, LI					
CN 1234177	A	19991110	CN 1999-105289		19990430
CN 1132516	B	20031231			
AU 9926027	A1	19991111	AU 1999-26027		19990430
AU 752112	B2	20020905			
JP 2000026392	A2	20000125	JP 1999-124560		19990430
PRIORITY APPLN. INFO.:			JP 1998-137806	A	19980501
			EP 1999-107461	A3	19990428

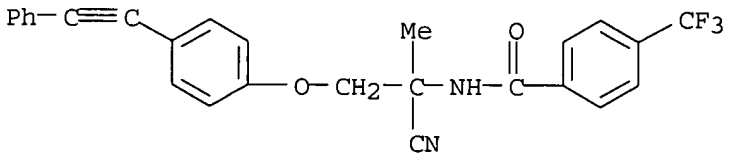
OTHER SOURCE(S): MARPAT 131:310455

AB Ar1QdCONR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, PhO, pyridyl, pyridyloxy, naphthyl; Q = CR1R2; R1, R2 = H, halo, (halo)alkyl, (halo)alkoxy, (substituted) cycloalkyl; R1R2 = (substituted) C2-6 alkylene, CH:CH, C.tplbond.C; d = 0, 1; R3 = H, (halo)alkyl; R4-R8 = H, halo, (halo)alkyl; W = O, S, SO2, NR9; R9 = H, alkyl; a, b = 0-4], were prepared Thus, 4-chlorophenol, bromoacetaldehyde di-Me acetal, K2CO3, and cat. NaI were refluxed 3 h in DMF to give 4-chlorophenoxyacetaldehyde di-Me acetal. This was refluxed with aqueous HCl in acetone to give crude 4-chlorophenoxyacetaldehyde, which was stirred with NaCN and NH4Cl in aqueous NH3 to give a reside. This was stirred with 4-chlorophenylacetyl chloride and Et3N in THF to give I (Ar1, Ar2 = 4-ClC6H4; R1-R8 = H; W = O; a, d = 1; b = 0). Numerous I at 500 ppm gave 100% kill of Plutella xylostella on cabbage seedlings.

IT **247199-30-0P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aroylaminoacetonitriles as agricultural and horticultural insecticides)

RN 247199-30-0 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[4-(phenylethynyl)phenoxy]ethyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	44.26	205.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.92	-2.92

FILE 'REGISTRY' ENTERED AT 08:43:44 ON 30 AUG 2005

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 AUG 2005 HIGHEST RN 862072-85-3
DICTIONARY FILE UPDATES: 29 AUG 2005 HIGHEST RN 862072-85-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

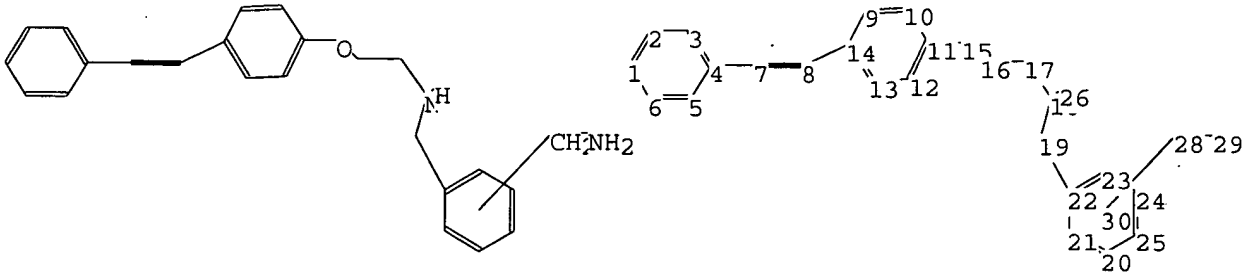
Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10626155a.str



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ring nodes :
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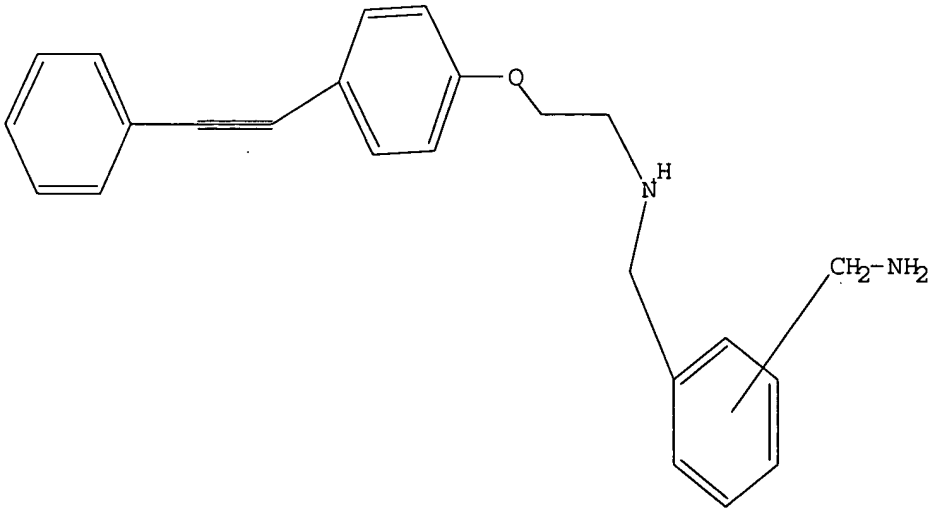
chain bonds :

4-7 7-8 8-14 11-15 15-16 16-17 17-18 18-19 18-26 19-22 28-29
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 20-21 20-25
21-22 22-23 23-24 24-25
exact/norm bonds :
11-15 15-16 17-18 18-19
exact bonds :
4-7 7-8 8-14 16-17 18-26 19-22 28-29
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 20-21 20-25
21-22 22-23 23-24 24-25
isolated ring systems :
containing 1 : 9 : 20 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 28:CLASS
29:CLASS 30:CLASS

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 9 TO 360
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s l5 sss full
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FULL SCREEN SEARCH COMPLETED - 327 TO ITERATE

100.0% PROCESSED 327 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

L7 12 SEA SSS FUL L5

=> FIL HCAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	367.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.92

FILE 'HCAPLUS' ENTERED AT 08:44:18 ON 30 AUG 2005
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FILE COVERS 1907 - 30 Aug 2005 VOL 143 ISS 10
FILE LAST UPDATED: 29 Aug 2005 (20050829/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7
L8 2 L7

=> d l8 ibib abs hitstr tot

L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:78301 HCAPLUS
DOCUMENT NUMBER: 142:176433

TITLE: A preparation of acetylenic compounds, useful in the treatment of inflammatory disorders

INVENTOR(S): Beers, Scott; Malloy, Elizabeth A.; Wachter, Michael P.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 19 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

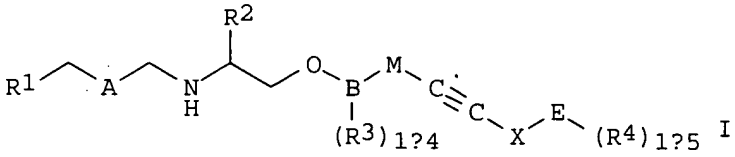
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005020838	A1	20050127	US 2003-626155	20030724
PRIORITY APPLN. INFO.:			US 2003-626155	20030724

OTHER SOURCE(S): MARPAT 142:176433

GI



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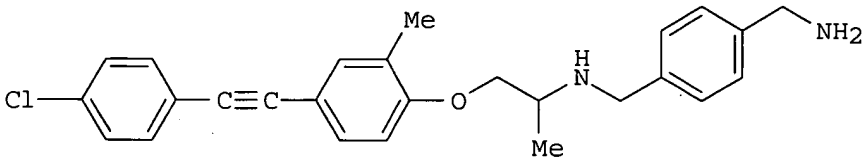
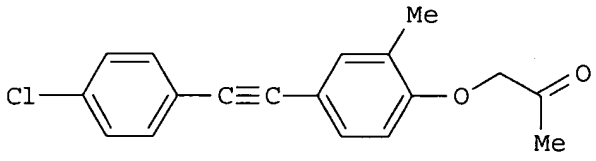


II



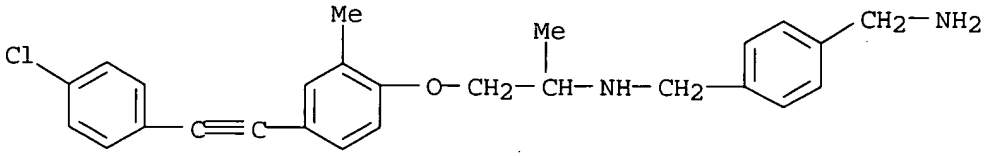
III

AB The invention relates to a preparation of acetylenic compds. of formula I [wherein: A is cycloalkyldiyl, cyclic heteroalkyldiyl, or (hetero)aryldiyl; B is (hetero)aryldiyl; E is (hetero)aryldiyl; M and X are independently (CH2)0-4; R1 is cycloalkyl, cyclic heteroalkyl, or (hetero)aryl, etc.; R2 is H, alkyl, alkoxy, CHO, CO2H, or NH2, etc.; R3 and R4 are independently H, alkyl, CHO, cycloalkyl, or aryl, etc.], useful in the treatment of inflammatory disorders. For instance, acetylene derivative II (oxidase inhibition: IC50 = 0.7 μM) was prepared via reductive amination of ketone III by 1,4-bis(aminomethyl)benzene.

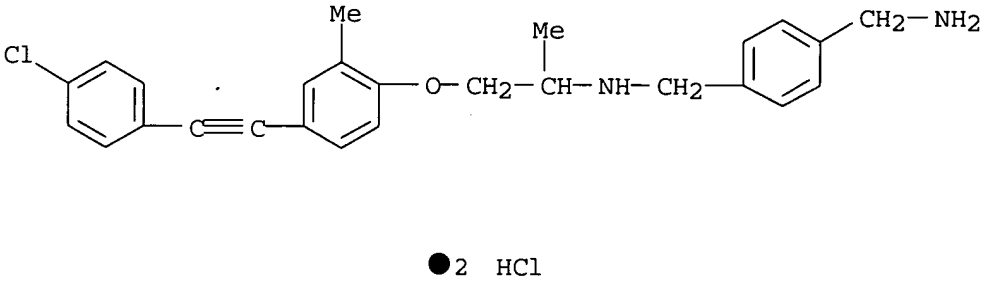
IT **651330-36-8P 651330-37-9P 651330-38-0P**
651330-39-1P 651330-68-6P 773847-69-1P
776293-45-9P 792905-81-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of acetylenic compound useful in the treatment of inflammatory disorders)

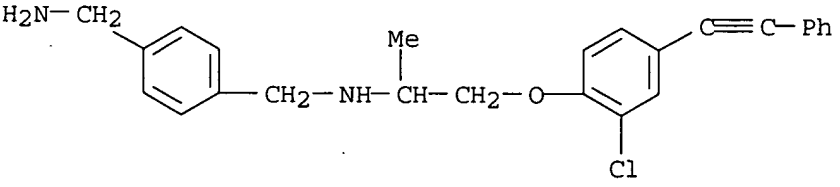
RN 651330-36-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



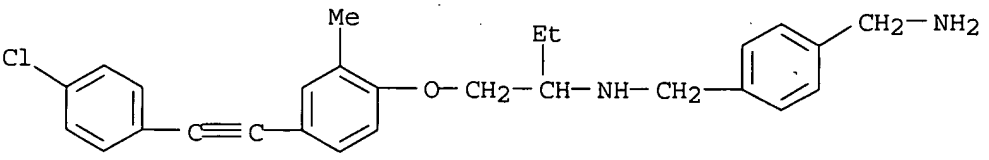
RN 651330-37-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



RN 651330-38-0 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-(phenylethynyl)phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 651330-39-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[1-[[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]methyl]propyl]- (9CI) (CA INDEX NAME)



RN 651330-68-6 HCAPLUS

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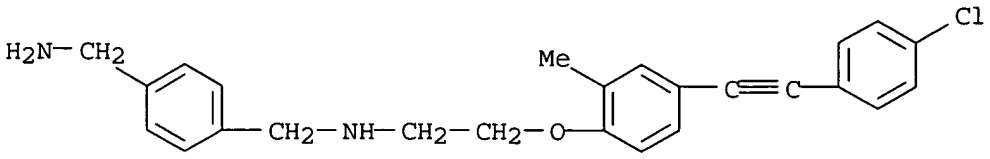
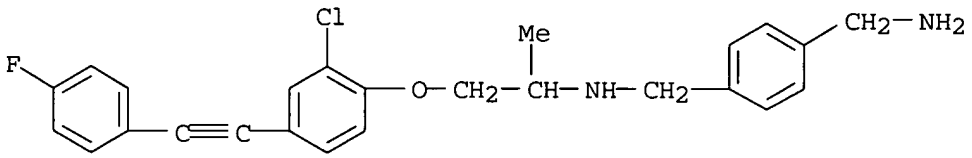


RN 773847-69-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-fluorophenyl)ethynyl]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 776293-45-9 HCAPLUS
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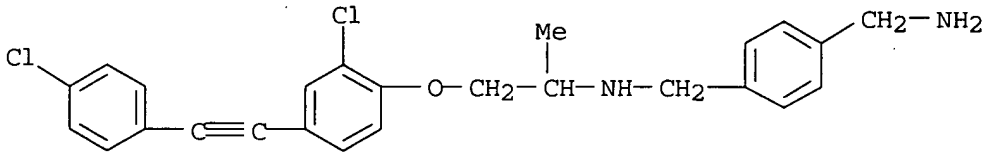
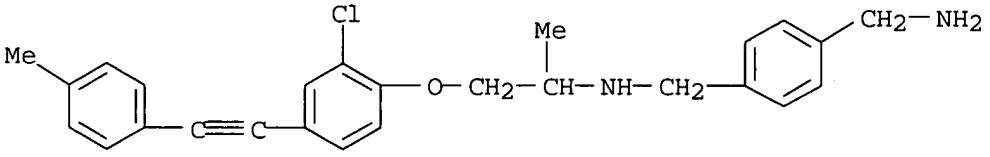


RN 792905-81-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-methylphenyl)ethynyl]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:80636 HCAPLUS
DOCUMENT NUMBER: 140:145889
TITLE: Preparation of acetylenic-aryl-methylamines useful in treating inflammatory disorders
INVENTOR(S): Beers, Scott; Malloy, Elizabeth A.; Wachter, Michael P.
PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009531	A1	20040129	WO 2003-US23140	20030724

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

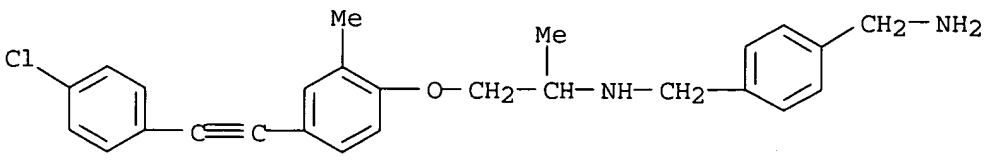
PRIORITY APPLN. INFO.: US 2002-398138P P 20020724
OTHER SOURCE(S): MARPAT 140:145889
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

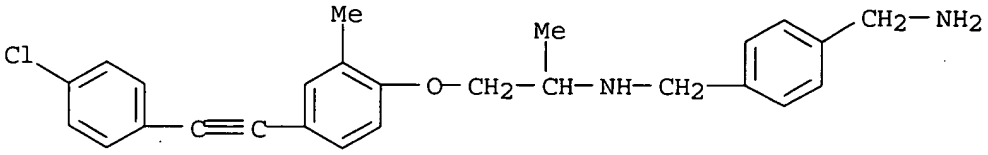
AB Title compds. I [A = cycloalkyldiyl, cyclic heteroalkyldiyl, etc.; B, E = (hetero)aryldiyl; R1 = cycloalkyl, cyclic heteroalkyl, heteroaryl, etc.; R2 = H, alkanyl, alkoxy, acyl, etc.; R3-4 = H, alkanyl, carboxy, cycloalkyl, etc.] are prepared For instance, 4-iodo-2-methylphenol is alkylated with chloroacetone (acetone, K2CO3, NaI, reflux, 18 h), the product coupled to 4-chlorophenylacetylene (Pd(II), Et3N) and used to alkylate p-xylylene diamine (CH2Cl2, HOAc, NaBH(OAc)3) to give II. In an NADPH oxidase assay for inhibition of superoxide-mediated reduction of cytochrome C in human neutrophils incubated with phorbol myristate acetate, 26 compds. I had IC50 values of 0.7-11.13 μM; II had IC50 = 0.7 μM. I are useful in treating or ameliorating reactive oxygen species-mediated inflammatory disorders.

IT **651330-36-8P 651330-37-9P 651330-38-0P**
651330-39-1P 651330-40-4P 651330-41-5P
651330-42-6P 651330-43-7P 651330-68-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of acetylenic-aryl-methylamines as NAD oxidase hydride donor inhibitors useful in treating reactive oxygen species-mediated inflammatory disorders)

RN 651330-36-8 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 651330-37-9 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



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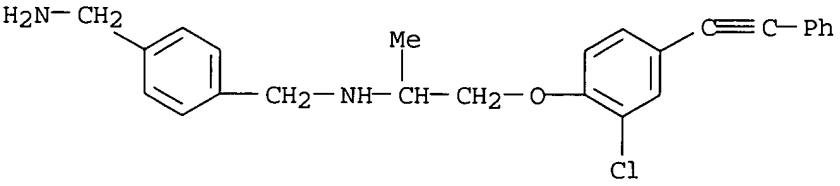
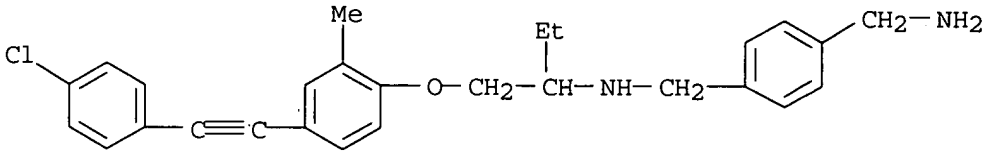
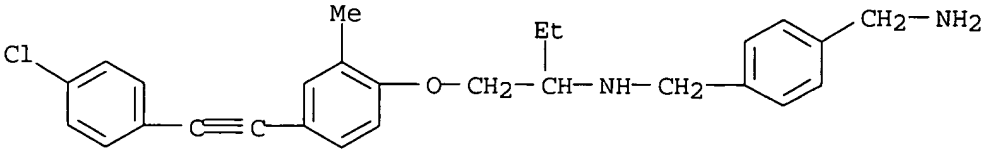
RN 651330-38-0 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-(phenylethynyl)phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 651330-39-1 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[1-[[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]methyl]propyl]- (9CI) (CA INDEX NAME)

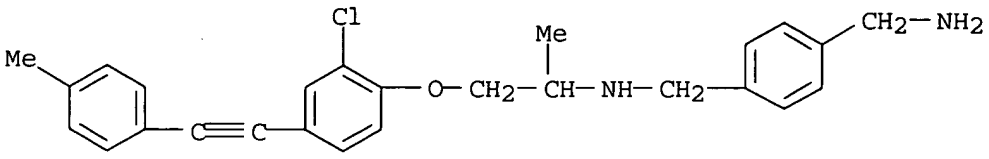


RN 651330-40-4 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[1-[[4-[(4-chlorophenyl)ethynyl]-2-methylphenoxy]methyl]propyl]-, dihydrochloride (9CI) (CA INDEX NAME)



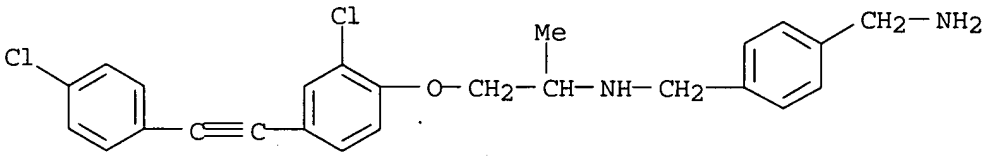
●2 HCl

RN 651330-41-5 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-methylphenyl)ethynyl]phenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



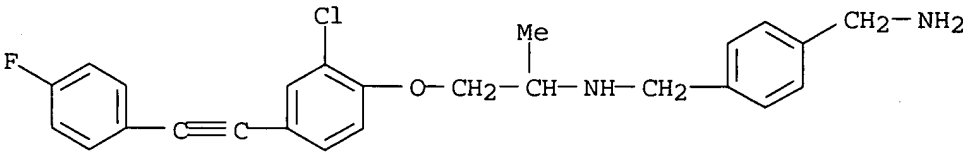
●2 HCl

RN 651330-42-6 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-chlorophenyl)ethynyl]phenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 651330-43-7 HCAPLUS
CN 1,4-Benzenedimethanamine, N-[2-[2-chloro-4-[(4-fluorophenyl)ethynyl]phenoxy]-1-methylethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 651330-68-6 HCAPLUS
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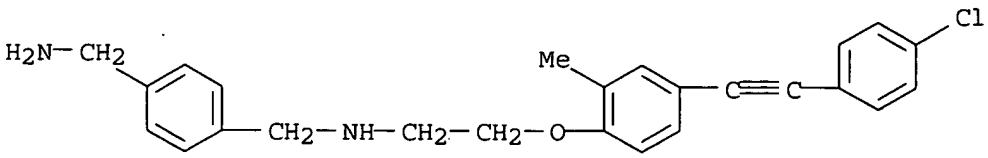

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.33	379.46

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-4.38

STN INTERNATIONAL LOGOFF AT 08:44:54 ON 30 AUG 2005